

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently amended) A method of processing a digital image having pixels to improve the sharpness of a print generated from the digital image comprising:
 - a) determining a magnification value representing the magnification of a pixel of the digital image on the print based on a number of input digital image pixels and an output number of digital image pixels;
 - b) producing a filter that has a frequency response that is a function of ~~in response to~~ the magnification value ;
 - c) using the filter to operate on the digital image to adjust the sharpness of the digital image to produce a sharpened digital image;
 - d) resizing according to the magnification value the sharpened digital image to produce a resized sharpened digital image which includes the output number of digital image pixels; and
 - e) producing the print based on the resized sharpened digital image.
2. (original) The method of claim 1 further including providing a continuous function and sampling the continuous function in accordance with the magnification value to produce coefficients of the filter.
3. (original) The method of claim 1 including providing a default filter and adjusting the coefficients of such filter in accordance with the magnification value.
4. (original) The method of claim 1 wherein the resizing according to the magnification value includes bilinear or bicubic interpolation.
5. (Currently Amended) A method of processing a digital image having pixels to improve the sharpness of a print generated from the digital image comprising:

- a) determining a magnification value representing the magnification of a pixel of the digital image on the print based on the number of input digital image pixels and the output number of digital image pixels;
- b) producing a filter that has a frequency response that is a function of ~~in response to~~ the magnification value ;
- c) using metadata associated with the digital image to produce a gain value;
- d) using the lowpass filter and the gain value to operate on the digital image to adjust the sharpness of the digital image to produce a sharpened digital image;
- e) resizing according to the magnification value the sharpened digital image to produce a resized sharpened digital image which includes the output number of digital image pixels; and
- f) producing the print based on the resized sharpened digital image.

6. (original) The method of claim 5 wherein the metadata includes ISO, focal length, compression factor, or default.

7. (original) The method of claim 5 wherein the gain value is computed by making a computation of the metadata.

8. (original) The method of claim 5 wherein the lowpass filter and gain values are used in an unsharp masking process.

9. (original) The method of claim 5 wherein the gain value is calculated in response to a balance value, a tonescale value, a noise value or combinations thereof.

10. (original) The method of claim 5 where the gain value is calculated in response to a noise reduction process.

11. (original) The method of claim 1 where the gain value is calculated in response to a noise reduction process.

12. Cancelled

13. Cancelled